

ABSTRACT OF THE DISCLOSURE

5 The present invention is a speech enabled automatic  
name dialer dialing system for connection to a telephone system,  
utilizing a user computer having a computer-based address book  
program or equivalent name-telephone number data base for retrieval of  
name-telephone number data for creation of speech enabling phoneme  
sets for auto dialing by speaking a name, and utilizing telephone  
application programming interface, for use with a telephone systems  
10 having telephones with private branch exchanges. There is at least one  
user computer having a microphone and a speaker; a telephone  
application programming interface provider installed in the user  
computer; and at least one loaded address book program or equivalent  
name-telephone number data base contained in the user computer. The  
15 software contained within the user computer, has at least the following  
functional capabilities:

(i.) accessing the loaded address book program(s) or  
equivalent data base management for collecting sets of name-telephone  
numbers based on name inputs;

20 (ii.) creating converted phonemes from names of name-  
telephone number data sets;

(iii.) receiving voice inputs from a microphone connected to the user computer;

(iv.) matching the phonemes and the voice inputs to retrieve specific name-telephone number data from the data for initiating an automatic dialing thereof; and,

(v.) signaling to a router and to a private branch exchange to initiate a dialing of a telephone number and to effect a telephone call within a telephone system in response to a voice input/phoneme match to a telephone or equivalent phone call-receiving mechanism.

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